

A2-Central Catalog

Get the books, software, and equipment you need from the warmth of your own computer room. **No handling fees** or extra charges for surface shipping on most items, even though we ship within 24 hours. To order, use the self-mailer that was in the envelope with your newsletter.

November 1990

New Stuff

GS/OS Reference

This is the brand new System 5.0 GS/OS technical manual from Apple and Addison-Wesley. It's a complete guide to GS/OS calls, the Console Driver, Object Module Format, and more.

AW-041 GS/OS Reference \$28.95

Desk accessories

If you're looking for a complete set of desk accessories for your Apple IIgs, look no further. The fifteen **Deskpak** NDAs include an appointment calendar, 25-page note pad, mini-database, calculator, disk utility, two games, file printer, and more. **Deskpak** is being completely rewritten at this time. Instead of waiting for the new version at regular prices, you can get the current version at a bargain basement price, pay a reasonable upgrade fee later, and have the new version for less than it will cost new.

If you find yourself needing to create subdirectories or move and delete files while you're in a program that doesn't have a full-featured utility menu, you're stuck. Or rather, you used to be stuck. Now you can choose between **Disk Access**, from Seven Hills Software, or **Desktop File Control**, from Roger Wagner Publishing. Both of them give you much the same control over your files from inside other programs. **Disk Access** gives you a few more functions, but **Desktop File Control** is more aesthetically pleasing. Do yourself a favor and get one of these packages. Quitting back to *Finder* to move, copy, delete, etc., files will be a thing of the past.

SS-008 Deskpak \$15.00
SH-001 Disk Access \$30.00
RW-010 Desktop File Control \$24.00

HyperStudio

"Xcommands" are external assembly language programs that can be used by **HyperStudio**. The **HyperStudio Xcmd Library Disk, Volume 1**, by Ken Kashmarek, provides a Master Xcmd that is necessary to use more than one Xcmd in a stack. It also adds the ability to control **HyperStudio** with a text-based script and includes 18 useful Xcmds.

HyperStudio Clip-Art, Volume 1 has more than 550 Apple IIgs 640-mode graphic images you can use with **HyperStudio**, **AppleWorks GS**, or other programs. The images include 27 animations that will work within **HyperStudio**. The disk also includes a slide-show program for viewing the files and a printed manual with images of the graphics.

HyperStudio Clip-Sounds, Volume 1 has 41 sound files including musical transitions, button

noises, and sound effects. It also includes two Xcmds, **ButtonPlay** and **DiskPlay**.

The **ButtonPlay** Xcmd will play a sound that's already attached to another button so that the sound won't have to be embedded in the stack more than once. The **DiskPlay** Xcmd will play sounds directly from disk.

RW-009 HyperStudio Xcmds, Vol. 1 \$39.95
RW-007 HyperStudio Clip-Art, Vol 1 \$19.95
RW-008 HyperStudio Clip-Sounds, Vol 1 \$19.95

Electronic Imaging

Second Chance V2.0 is an image enhancement package written to work with Apple IIgs 320-mode 16-level gray scale images. It will also convert 640-mode images to 320 and back again so they can be enhanced as well. Includes ten smoothing (blurring) algorithms, seven sharpening algorithms, sample photographs, and a technical discussion of what the algorithms (many of which use Fast Fourier Transforms) actually do.

RI-001 Second Chance \$39.95

IIgs Development Tools

The best family of native development tools for the Apple IIgs comes from the Byte Works. Apple itself couldn't compete and has dropped out of this market segment. The Byte Works publishes an Apple IIgs assembler, Pascal and C compilers, and learn-to-program tutorials.

Orca/M can assemble programs written for the 6502, 65C02, or 65816 microprocessor. **Orca/M** is more than just an assembler, it's a complete development environment. It provides a UNIX-like text-based shell for any compiler or accessory that is compatible with APW (Apple Programmer's Workshop). If you want to mix programming languages (C programs with assembly modules, for example), or if you want to use the Rez resource compiler or other APDA supplied utilities, **Orca/M** is a must. The assembler in **Orca/M** assembles up to 5,000 lines per minute, supports partial assembly for faster turnaround, and includes an extensive macro language.

The **Orca/Disassembler** is the best we've seen. Two versions are included in the package—a text version that runs under the **Orca/M** shell and a stand-alone desktop version. The disassembler automatically recognizes IIgs Toolbox and GS/OS calls to help make disassembly a snap.

Design Master is a GS/OS Resource Editor. It allows you to "paint" your windows, menus, etc., on the screen, and then create resource forks or source code. **Design Master** can't read resource forks, even though it will create them and you can

save **Design Master**-created resources in a file. **Design Master** can reload and edit. **Design Master** lets you visually create menu bars, windows, and dialogs in either 640 or 320 mode and it includes a unique "test run" feature that allows you to see exactly how your created objects will act in your finished program.

The **Orca/Pascal** compiler is a desktop-based ISO Standard Pascal Compiler, with extensions. **Orca/Pascal** provides full access to the IIgs Toolbox, support for NDAs, CDAs, desktop, and text programming. A sample disk is also included. It's filled with programming examples and complete source code. And with the included **Source Level Debugger** you can step through your programs and see exactly how the computer executes your code.

C is probably the "hottest" language in the computer industry today. It's in use on every major computer, including the Apple IIgs. **Orca/C** is an ANSI C compiler with complete C libraries and extensions for the Apple IIgs Toolbox. You can use **Orca/C** to create stand-alone programs, shell utilities, CDAs, or NDAs. You can use a text-based or desktop environment for program development, and just like **Orca/Pascal**, **Orca/C** includes the **Source Level Debugger**.

If you don't know a high level language but would like to learn, try either Byte Works' **Learn to Program in Pascal** or **Learn to Program in C** course. These 16-lesson tutorials start with text-based programs and works up to a simple "Break-Out" type graphics game program.

BW-005 Orca/M Assembler \$42.00
BW-008 Merlin to Orca Source Convert \$18.00
BW-007 Orca/Disassembler \$30.00
BW-006 Design Master \$57.00
BW-001 Orca/Pascal compiler \$90.00
BW-002 Learn to Program in Pascal \$50.00
BW-003 Orca/C compiler \$90.00
BW-004 Learn to Program in C \$50.00

New disks for Eyes/Lichty

Programming the Apple IIgs in Assembly Language by David Eyes and Ron Lichty has become a classic. We have two new disks that make this book even more useful, one has the book's samples in **Merlin** format (by Ken Kashmarek), the other in C (by Cecil Fretwell).

SS-005 Prgrmg the IIgs in Asm Lang \$29.95
DS-008 APW disk for this book (3.5) \$20.00
DS-009 Merlin disk for this book (3.5) \$10.00
DS-010 Orca/C disk for this book (3.5) \$20.00

About this listing

This is a complete list of the items we carry and their current prices, grouped by topic. The date shown with each item indicates the catalog that has a longer description of the item. We give a full description the first time an item appears in the catalog.

AppleWorks

Enhancements

JE-008	Outline 3.0 (AppleWorks 3.0)	(9/90)	\$39.00
JE-005	Pathfinder (AppleWorks 3.0)	(7/90)	\$20.00
JE-006	SpellCopy (AppleWorks 3.0)	(7/90)	\$12.50
JE-007	DoubleData (AppleWorks 3.0)	(7/90)	\$30.00
JE-001	FlexiCal (AppleWorks 2.x or 3.0)	(7/90)	\$30.00
JE-004	Mr. Invoice (AppleWorks 3.0)	(7/90)	\$40.00

Patch programs

QC-001	SuperPatch (AppleWorks 2.x or 3.0)	(3/90)	\$39.95
BB-004	Beagle AppleWorks 3.0 Companion	(5/90)	\$39.95

TimeOut UltraMacros

BB-005	TimeOut UltraMacros (AppleWorks 3.0)	(12/90)	\$49.95
BB-004	MacroEase (requires UltraMacros 3.0)	(12/90)	\$34.95
NA-001	Munz: UltraMacros Primer	(3/90)	\$19.95

A2-Central Summer Conference audio tapes on UltraMacros

See 8/90 catalog for full listing 1 to 5. \$3.95 ea; 6-11. \$3.25 ea; 12-24. \$2.95 ea

Books

IN-004	Wilkin: Best Book of AppleWorks	(5/90)	\$21.95
IN-006	Aron: Using AppleWorks (Que)	(6/90)	\$21.95
SY-008	Ericson: AppleWorks, Tips and Techs	(6/88)	\$19.95
DS-003	disk for this book	(8/88)	\$12.00
SY-007	Tymes: Mastering AppleWorks	(6/88)	\$21.95
CE-001	Thomas: ClassWorks	(8/88)	\$45.00

AppleWorks GS Books

IN-005	Murray: Using AppleWorks GS (Que)	(6/90)	\$21.95
AW-027	Brown: Using AppleWorks GS (Add-Wes)		\$19.95

HyperMedia

HyperMedia software

RW-005	HyperStudio (for Ilgs)	(1/90)	\$99.95
RW-009	HyperStudio Xcommands, Vol 1	(11/90)	\$39.95

Books and tapes

AW-034	Apple: Hypercard Stack Design		\$16.95
A2-Central Summer Conference audio tapes on HyperStudio			
See 8/90 catalog for full listing 1 to 5. \$3.95 ea; 6-11. \$3.25 ea; 12-24. \$2.95 ea			

Electronic Imaging

VI-001	Quickie Scanner	(10/90)	\$219.95
DV-001	B&W ComputerEyes Video Digitizer	(12/90)	\$119.95
DV-002	Enhancement Software	(12/90)	\$22.95
DV-003	Ilgs Support Software	(12/90)	\$22.95
DV-004	Color ComputerEyes Video Digitizer for Ilgs	(12/90)	\$219.95
RI-001	Second Chance (image enhancement software, Ilgs)	(11/90)	\$39.95

Graphics, clip art

JE-003	MiniPaint (for Ilgs)	(7/90)	\$25.00
RW-004	Graphics Exchange (for Ilgs)	(1/90)	\$37.50
RW-007	HyperStudio Clip-Art, Vol 1	(11/90)	\$19.95

Sound

RW-008	HyperStudio Clip-Sounds, Vol 1	(11/90)	\$19.95
DR-002	SVI MA-100 speakers for the Ilgs	(1/90)	\$129.00*
*	120 volts. Surface shipping to Canada or APO/FPO adrs		\$20.00

Fonts

FC-001	A2-Central Font Collection	(3/90)	\$39.00
8 3.5 disks of fonts in ShrinkIt format			

Telecommunications

Bundles

CD-002	U.S. Modem Bundle (SC-001, CS-001, and 1 cable)	\$169.00
CD-003	Int'l Modem Bundle (SC-002-xx, CS-001, and 1 cable)	\$179.00

Modems

SC-001	Supra 2400 baud modem (120 volts)	(1/90)	\$129.00
SC-002-AU	Supra 2400, Australian plug (220 volts)	(9/90)	\$139.00
SC-002-WG	Supra 2400, German plug (220 volts)	(9/90)	\$139.00
SC-002-UK	Supra 2400, British plug (220 volts)	(9/90)	\$139.00

Cables

RC-001	8' cable for Ilgs/Ilc-Plus	(1/90)	\$15.00
RC-002	8' cable for older Ilc	(1/90)	\$15.00
RC-003	8' cable for serial cards	(1/90)	\$15.00

Telecommunications software

CS-001	Talk Is Cheap & GEnie Master	(3/90)	\$40.00
TH-001	GEnie Master (requires AppleWorks 2.X)	(3/90)	\$20.00

Ile/Ilc Programming

Applesoft books

AW-040	Critchfield/Dwyer: Bit of Applesoft	(9/90)	\$9.95
AW-038	Wintermeyer: Applesoft Toolbox	(9/90)	\$9.95
AW-039	Myers: Graphics for the Apple II	(9/90)	\$9.95
SF-001	Miller: Mastering Applesoft Graphics	(6/89)	\$18.95
AW-010	Apple: Applesoft Tutorial (w/disk)		\$29.95
AW-021	Apple: Applesoft Programmer's Reference		\$22.95

Applesoft development tools

BB-003	Program Writer (Applesoft program editor)	(1/90)	\$37.50
BB-002	Beagle Compiler (ProDOS Applesoft compiler)	(1/90)	\$59.00
MD-001	MD-Basic (Applesoft pre-compiler)	(5/90)	\$49.95

Other languages

AW-037	Seiter/Weiss: Pascal for Basic Prgmrs	(9/90)	\$12.95
MS-002	Micol Advanced BASIC for Ile/Ilc	(1/90)	\$89.00

ProDOS 8

AW-024	Apple: BASIC Programming with ProDOS (w/disk)		\$29.95
AW-023	Apple: ProDOS 8 Tech Ref (w/disk)		\$29.95
TB-006	Doms/Weishaar: ProDOS Inside and Out	(6/88)	\$16.95
DS-002	disk for this book		\$10.00

Technical references

AW-003	Apple: Apple Ile Technical Reference		\$24.95
AW-004	Apple: Apple Ilc Technical Reference		\$24.95
LC-005	Laser: Laser 128 Technical Reference		\$29.95

6502 assembly language

AW-012	Finley/Myers: Asm Lang for Applesoft Prgmmer	(8/88)	\$18.95
RW-001	Wagner: Assembly Lines: The Book	(6/88)	\$19.95
DS-004	disk for this book		\$15.95
MH-007	Leventhal: 6502 Programming		\$19.95
MH-008	Leventhal: 6502 Subroutines		\$19.95
MD-002	Object Module Manager (Morgan Davis memory mgr)	(8/90)	\$24.95

A2-Central Summer Conference Audio Tapes

See 8/90 catalog for full listing 1 to 5. \$3.95 ea; 6-11. \$3.25 ea; 12-24. \$2.95 ea

Ilgs Programming

Technical manuals

Introductory Books

AW-017	Little: Exploring the Apple Ilgs	(6/88)	\$22.95
DS-007	disk for this book (3.5)		\$20.00
AW-018	Apple: Technical Introduction to the Apple Ilgs		\$9.95
AW-011	Apple: Programmer's Intro to Ilgs (w/disk)		\$32.95

Toolbox manuals

CB-005	Gookin/Davis: Mastering the Ilgs Toolbox	(8/88)	\$19.95
CB-007	Gookin/Davis: Adv Prog Tech for Ilgs Toolbox	(9/88)	\$19.95
AW-019	Apple: Apple Ilgs Toolbox Reference, Vol 1		\$26.95
AW-006	Apple: Apple Ilgs Toolbox Reference, Vol 2		\$26.95
AW-036	Apple: Apple Ilgs Toolbox Reference, Vol 3		\$39.95

Technical references

MH-001	<i>Fischer: Apple IIgs Tech Ref</i>	(6/88)	\$19.95
AW-022	<i>Apple: Apple IIgs Firmware Reference</i>		\$24.95
AW-002	<i>Apple: Apple IIgs Hardware Reference</i>		\$26.95
AW-001	<i>Apple: Apple Numerics Reference (new edition)</i>		\$29.95
AW-014	<i>Apple: Human Interface Guidelines</i>		\$14.95

GS/OS

AW-026	<i>Little: Exploring Apple GS/OS and ProDOS 8 disk for this book (3.5)</i>	(1/89)	\$21.95
DS-006			\$15.00
AW-026	<i>Apple: Apple IIgs GS/OS Reference</i>		\$28.95

Universal development tools

SS-007	<i>Genesys (GS/OS Resource Creator/Editor)</i>	(6/90)	\$90.00
BW-006	<i>Design Master (GS/OS Resource Creator)</i>	(11/90)	\$57.00
AW-033	<i>Programmer's Online Companion for the IIgs</i>	(1 90)	\$37.50

Assembly language tools

Assemblers

RW-002	<i>Merlin 8/16 (DOS 3.3, ProDOS 8, GS/OS)</i>	(1/90)	\$99.00
BW-005	<i>ORCA/M Assembler</i>	(11/90)	\$42.00
BW-008	<i>Merlin to Orca Source Converter</i>	(11/90)	\$18.00

Disassemblers

BW-007	<i>ORCA Disassembler</i>	(11/90)	\$30.00
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Books

CB-002	<i>Wagner: IIgs Machine Lang for Beginners disk for this book (3.5)</i>	(8/88)	\$19.95
DS-005			\$15.95
SS-005	<i>Lichty/Eyes: Programming the IIgs in Asm Lang disk for this book for APW</i>		\$29.95
DS-008			\$20.00
DS-008	<i>disk for this book for Merlin</i>	(11/90)	\$10.00
DS-008	<i>disk for this book for Orca/C</i>	(11/90)	\$20.00

High-level language tools

Pascal

BW-001	<i>ORCA/Pascal</i>	(11/90)	\$90.00
BW-002	<i>Byte Works Learn to Program in Pascal Tutorial</i>	(11/90)	\$50.00

C

BW-003	<i>ORCA/C</i>	(11/90)	\$90.00
BW-004	<i>Byte Works Learn to Program in C Tutorial</i>	(11/90)	\$50.00

BASIC

MS-001	<i>Micol Advanced BASIC for the IIgs</i>	(1/90)	\$99.00
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A2-Central Summer Conference Audio Tapes

See 8/90 catalog for full listing 1 to 5, \$3.95 ea; 6-11, \$3.25 ea; 12-24, \$2.95 ea

Hard Disk Drives

Hard drive books

NA-002	<i>Apple Hard Disk Primer</i>	(9/90)	\$16.95
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Hard drives on a card

CT-CID20	<i>CIRTECH 20-meg internal hard drive</i>	(5/90)	\$695.00
CT-CID40	<i>CIRTECH 40-meg internal hard drive</i>	(5/90)	\$895.00

Hard drive kits

Parts

DC-001	<i>Leadman case; 120 or 220V, 60W</i>	(1/90)	\$124.00*
RC-004	<i>SCSI cable, drive to SCSI card</i>	(1/90)	\$30.00
DC-002	<i>Seagate ST-296N-1 80meg SCSI assembly</i>	(1/90)	\$519.00*
DC-006	<i>SyQuest removable media hard drive</i>	(6/90)	\$649.00*
DC-007	<i>42+-meg cartridge for SyQuest drive</i>	(6/90)	\$119.00

Bundles

CD-001	<i>80-Meg hard drive easy-order bundle includes DC-001, DC-002, RC-004, 42+-Meg removable media bundle includes DC-001, DC-006, DC-007, RC-004,</i>	(1/90)	\$649.00*
CD-008		(1/90)	\$874.00*
*	<i>Surface shipping to Canada or APO/FPO adrs</i>		\$25.00
*	<i>Surface shipping to other points outside U.S.</i>		\$30.00

SCSI cards

CT-SC	<i>CIRTECH SCSI card</i>	(1/90)	\$109.00
AP-001	<i>Apple High-Speed SCSI card</i>	(5/90)	\$119.00
CV-001	<i>RAMfast SCSI card</i>	(7/90)	\$219.00

Disk management utilities

CH-001	<i>Chinook Utilities for Apple SCSI cards</i>	(1/90)	\$30.00
GB-001	<i>Prosel 8 (for IIe/IIc: 3.5 disk, 5.25 on request)</i>	(1/90)	\$40.00
GB-002	<i>Prosel 16 (for IIgs, includes Prosel 8 features)</i>	(1/90)	\$60.00
VI-002	<i>Salvation: Guardian (Backup Utility)</i>	(10/90)	\$37.00
VI-003	<i>Salvation: Renaissance (Optimization Utility)</i>	(10/90)	\$37.00
VI-004	<i>Salvation: Exorciser (Virus exterminator)</i>	(10/90)	\$34.00
VI-005	<i>Salvation: Wings (Program selector)</i>	(10/90)	\$59.00

3.5 Disks and Drives

AM-001	<i>AMR 3.5 drive</i>	(1/90)	\$189.00
AM-002	<i>Laser 3.5 drive controller for IIe</i>	(1/90)	\$59.00
A2-001	<i>10 generic, blank 3.5 disks</i>	(4/90)	\$9.49
A2-002	<i>100 blank, continuous labels for 3.5 disks</i>	(4/90)	\$1.99
A2-003	<i>10 Static-Guard binder storage pages for 3.5 disks</i>	(4/90)	\$9.97

Memory Expansion Cards

IIgs memory expansion slot cards

Citirech (9/90)	Chinook (5/90)		
Primo	RAM 4000		
CT-P0	CH-002-0	OK (no memory installed)	\$99.00
CT-P1	CH-002-1	1 Megabyte	\$169.00
CT-P2	CH-002-2	2 Megabytes	\$239.00
CT-P4	CH-002-4	4 Megabytes	\$379.00

Standard slot cards for IIe or IIgs

PR-16-1	<i>Cirtech PR-16, 1 Meg, expands to 4 meg</i>	(9/88)	\$359.00
SD-4	<i>Cirtech StatDisk, 512K (Battery backed-up static</i>	(10/88)	\$389.00
SD-8	<i>1 Meg RAMdisk, fast, quiet, extremely reliable)</i>		\$699.00

Memory chips

DRAM-1	<i>Set of 8 1-meg chips for standard memory cards</i>	\$70.00
SRAM-32	<i>Set of 2 chips for StatDisk (64K)</i>	\$30.00

AppleTalk Networks

Technical Information

IN-002	<i>Hands on AppleTalk</i>	(3/90)	\$21.95
AW-030	<i>Apple: Understanding Computer Networks</i>		\$9.95
AW-031	<i>Apple: AppleTalk Network System Overview</i>		\$14.95
AW-035	<i>Apple: Inside AppleTalk</i>		\$34.95

Network connectors

OE-001	<i>ModuNet 8-pin for IIe, IIgs, new Macs</i>	(1/90)	\$34.95
OE-002	<i>9-pin for old LaserWriters, old Macs</i>	(1/90)	\$34.95

Printers

Technical Information

AW-008	Apple: ImageWriter II Technical Reference		\$19.95
AW-025	Apple: ImageWriter LQ Technical Reference		\$22.95
AW-028	Apple: LaserWriter Reference		\$19.95
SY-003	Campbell: The RS-232 Solution, 2nd Ed	(6/88)	\$21.95
CP-001	East: Handbook of Printer Commands (3 vols)	(11/88)	\$89.95

Troubleshooting and repair

HS-004	<i>SAMS Computerfacts: ImageWriter I</i>	(8/88)	\$24.95
HS-008	<i>SAMS Computerfacts: ImageWriter II</i>	(8/88)	\$24.95

Dot matrix printers

LC-001	<i>Laser 190A ImageWriter-compatible serial printer</i>	(1/90)	\$249.00*
LC-003	<i>Laser 190A ImageWriter-compatible parallel printer</i>	(1/90)	\$199.00*
LC-006	<i>tractor feed attachment</i>	(1/90)	\$59.95
LC-007	<i>5 ribbons (also fit Epson LX-80/90 & Olympia NP30)</i>		\$14.95

Cables

RC-001	<i>8' cable for IIgs/IIc-Plus</i>	(1/90)	\$15.00
RC-002	<i>8' cable for older IIc</i>	(1/90)	\$15.00
RC-003	<i>8' cable for serial cards</i>	(1/90)	\$15.00
*	<i>120 volts. Surface shipping to Canada or APO/FPO adrs</i>		\$25.00

Subscriptions, Back Issues, Ordering Information

A2-Central

A2-Central (formerly **Open-Apple**) has been published monthly since January, 1985. Single back issues are \$2 each. Bound, indexed annual volumes are \$14.95. A full set of bound volumes and single issues for the current year is available for \$39.

The **Full-Text on Disk** version of our back issues is shipped on 3.5 disks and takes up about 4 megabytes of hard disk storage. Includes text-talking software or use with full-text search software such as *Fastdata Pro* or *Prosel*.

Bound, indexed back issue volumes

QA-001	Vol. 1	Jan 1985-Jan 1986	\$14.95
QA-002	Vol. 2	Feb 1986-Jan 1987	\$14.95
QA-003	Vol. 3	Feb 1987-Jan 1988	\$14.95
QA-004	Vol. 4	Feb 1988-Jan 1989	\$14.95
QA-005	Vol. 5	Feb 1989-Jan 1990	\$14.95

Full Set Specials (every issue ever published)

FS-N	All five volumes and current singles	\$39.00
FS-D	Our full text on 3.5 disks	\$39.00

Stack-Central

Stack-Central has been published every other month since January, 1990. Each issue consists of two 800K, 3.5 disks and includes a *HyperStudio* stack containing editor Terry Baker's tips, tricks, and letters from readers for that month. Each issue also includes public domain and shareware stacks. Specific issues contain sounds, xcmds, and other material you can use in your own stacks.

Stack-Central back issues are available for \$10 each.

SC-90S1	Semiannual disk set (Jan/Mar/May 90)	\$25.00
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TimeOut-Central

TimeOut-Central has been published every other month since August, 1990. Each issue consists of one 800K, 3.5 disk and includes a column by the editor, Richard Marchiafava, letters from readers, as well as public domain and shareware AppleWorks and TimeOut files.

TimeOut-Central back issues are \$10 each.

A2-Central on disk

A2-Central disks have been published monthly since February, 1989. Each 800K, 3.5 disk contains the full text of that month's paper issue and text-talking software for blind subscribers. In addition, specific issues contain Apple system software and technical note updates and the world's best public domain and shareware software.

Listings of the contents of each disk have been published in previous catalogs as shown below:

catalog	disk issues
Aug 89	2/89 to 7/89
May 90	8/89 to 12/89
June 90	1/90 to 2/90
July 90	3/90 to 6/90

Disks are available in 3.5 format only.

Quarterly sets

Our disks are available in quarterly sets of 3 for \$6 each:

A2-89S1	Quarterly disk set (Feb/March/April 89)	\$18.00
A2-89S2	Quarterly disk set (May/June/July 89)	\$18.00
A2-89S3	Quarterly disk set (Aug/Sept/Oct 89)	\$18.00
A2-89S4	Quarterly disk set (Nov/Dec/Jan 90)	\$18.00
A2-90S1	Quarterly disk set (Feb/March/April 90)	\$18.00
A2-90S2	Quarterly disk set (May/June/July 90)	\$18.00

Annual sets

Our disks are available in annual sets of 12 for \$5 each:

A2-89FS	Annual disk set (Feb 89 to Jan 90)	\$60.00
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Subscription conversions

Current newsletter subscribers can convert to a disk subscription. Figure out how many disks you'll get between the first one you want and the month your subscription expires (shown to the right of your address on our self-mailer order form) and send us \$4.75 per disk.

New subscriptions

By subscription, our disks cost for less than what most user groups charge for public domain 3.5 disks, just 4.67 per disk ((\$84 - \$28) / 12).

Subscriptions

The expiration date of your current subscription is shown on our self-mailer to the right of your name ("last issue").

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Other Peripherals

Batteries

NO-001	Nite Owl Slide-On Battery Kit for Ilgs	(3/90)	\$14.95
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Fans

CTFAN-E	CIRTECH Cool-It fan for Apple IIe	(1/90)	\$49.00
CTFAN-GS	CIRTECH Cool-It fan for Apple Ilgs	(1/90)	\$49.00

Math Coprocessors

IS-001	Floating Point Engine	(4/90)	\$249.00
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Monitors

DC-003	Magnavox RGB Monitor for Ilgs	(9/90)	\$349.00*
RC-005	Ilgs RGB cable for Magnavox monitor		\$23.00
DC-004	Magnavox monochrome monitor, green		\$99.00*
DC-005	Magnavox monochrome monitor, amber		\$99.00*
*	120 volts. Surface shipping outside U.S.		\$20.00

Other Topics

Data Base software

SE-001	DB Master Professional	(1/90)	\$245.00
SE-002	DB Master Programmer's Pak	(5/90)	\$129.00

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SS-008	Deskpak (Ilgs NDA collection)	(11/90)	\$15.00
SH-001	Disk Access (disk management NDA)	(11/90)	\$30.00
RW-010	Desktop Files Control (disk management NDA)	(11/90)	\$24.00
RW-003	SoftSwitch (program switcher for Ilgs)	(1/90)	\$45.00
RW-006	MacroMate (universal macros for Ilgs)	(1/90)	\$37.50

Desktop publishing

TB-008	Homan: The Print Shop Project Book	(12/89)	\$15.95
WG-001	White: Graphic Design for the Electronic Age	(3/89)	\$24.95

Education

DR-001	Diversi-Tune (for Ilgs)	(1/90)	\$59.00
SB-001	GSNumerics (for Ilgs)	(4/90)	\$139.95
AW-013	Snyder: In Search of Amazing Thing	(6/88)	\$10.95
IB-001	Weishaar: Your Best Interest	(6/88)	\$9.95
VS-001	Vernier: Build a Better Mousetrap	(7/88)	\$24.95
TB-003	Pellino et al: Science On Your Apple	(6/88)	\$14.95
TB-004	Horn: Smart Apples	(6/88)	\$12.95

Games

JE-002	I.O. Silver (5.25 only)	(7/90)	\$20.00
NO-003	Wraith: Devil's Demise (3.5 only)	(9/90)	\$12.95

Introduction to computing

TS-001	Bear: Computer Wimp	(8/88)	\$9.95
CB-001	Freiberger: The Ilc, Your First Computer	(6/88)	\$9.95

Troubleshooting and repair

HS-005	SAMS Computerfacts: Ilc	(8/88)	\$39.95
HS-003	SAMS Computerfacts: Disk II	(8/88)	\$24.95
HS-006	Brenner: Apple II Troubleshooting/Repair Guide		\$19.95

Other

IN-001	Day: The Hacker (novel)	(3/90)	\$3.95
IN-003	Menu Software Guide for Apple II	(3/90)	\$19.95
BC-001	Price: How to Write a Computer Manual	(3/89)	\$33.50
SS-006	Cross-Works (ProDOS<->MS-DOS)	(4/90)	\$79.95
FD-001	Fastdata Pro (full-text search utility)	(1/90)	\$49.95
NO-002	Night Owl Journal 3.5	(9/90)	\$12.95

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